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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL For FY 2007

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$)

## Complete if Known

|                      |                    |
|----------------------|--------------------|
| Application Number   | 10/785,587         |
| Filing Date          | February 24, 2004  |
| First Named Inventor | MASAO NORO, et al. |
| Examiner Name        | Paul Disler        |
| Art Unit             | 2615               |
| Attorney Docket No.  | 051270-0308455     |

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Account Deposit Account Number: 033975 Deposit Account Name: PILLSBURY, WINTHROP et al

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s)  Credit any overpayments  
under 37 CFR 1.16 and 1.17

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

## FEE CALCULATION

### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| <u>Application Type</u> | <u>FILING FEES</u> |                     | <u>SEARCH FEES</u> |                     | <u>EXAMINATION FEES</u> |                     | <u>Fees Paid (\$)</u> |
|-------------------------|--------------------|---------------------|--------------------|---------------------|-------------------------|---------------------|-----------------------|
|                         | <u>Fee (\$)</u>    | <u>Small Entity</u> | <u>Fee (\$)</u>    | <u>Small Entity</u> | <u>Fee (\$)</u>         | <u>Small Entity</u> |                       |
| Utility                 | 300                | 150                 | 500                | 250                 | 200                     | 100                 | _____                 |
| Design                  | 200                | 100                 | 100                | 50                  | 130                     | 65                  | _____                 |
| Plant                   | 200                | 100                 | 300                | 150                 | 160                     | 80                  | _____                 |
| Reissue                 | 300                | 150                 | 500                | 250                 | 600                     | 300                 | _____                 |
| Provisional             | 200                | 100                 | 0                  | 0                   | 0                       | 0                   | _____                 |

### 2. EXCESS CLAIM FEES

#### Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

| <u>Total Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | <u>Small Entity</u> | <u>Fee (\$)</u> | <u>Fee (\$)</u> |
|---------------------|---------------------|-----------------|----------------------|---------------------|-----------------|-----------------|
| - 20 or HP =        | x                   | =               |                      | 50                  | 25              |                 |

HP = highest number of total claims paid for, if greater than 20.

| <u>Indep. Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | <u>Multiple Dependent Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
|----------------------|---------------------|-----------------|----------------------|----------------------------------|-----------------|----------------------|
| - 3 or HP =          | x                   | =               |                      | 200                              | 100             |                      |

HP = highest number of independent claims paid for, if greater than 3.

### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| <u>Total Sheets</u> | <u>Extra Sheets</u> | <u>Number of each additional 50 or fraction thereof</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
|---------------------|---------------------|---|-----------------|----------------------|
| - 100 =             | / 50 =              | (round up to a whole number) x                          | =               |                      |

### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_

## SUBMITTED BY

|                   |               |  |                        |
|-------------------|---------------|--|------------------------|
| Signature         |               | Registration No.<br>(Attorney/Agent) 31204 | Telephone 213-488-7100 |
| Name (Print/Type) | ROGER R. WISE |  | Date August 13, 2007   |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re the Application of

MASAO NORO, et al.

Group Art Unit: 2615

Application No.: 10/785,587

Examiner: Paul Disler

Filed: February 24, 2004

Confirmation No.: 3201

For: Array Driving System and Method of Driving Loads

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Applicants respectfully request the Examiner return an initialed copy of the enclosed Form PTO-1449 to Applicants with the next Office communication to indicate that the references have been considered, per MPEP § 609.

This Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits in the present application. No certification or fee is required.

The references were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.

An English language Abstract of the non-English language reference is attached hereto.

Respectfully Submitted,

PILLSBURY WINTHROP SHAW PITTMAN LLP



Roger R. Wise  
Registration Number 31204  
Customer Number: 27496

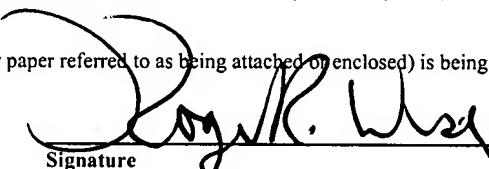
Date: August 13, 2007  
Telephone: (213) 488-7100  
Facsimile: (213) 629-1033  
725 South Figueroa Street  
Suite 2800  
Los Angeles, CA 90017-5406

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**CERTIFICATION UNDER 37 C.F.R. §§ 1.8 and/or 1.10\***

(When using Express Mail, the Express Mail label number is *mandatory*; *Express Mail certification is optional*.)

I hereby certify that, on the date shown below, this paper (along with any paper referred to as being attached or enclosed) is being

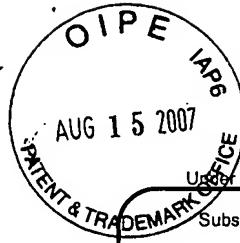
  
Signature

Date: August 13, 2007

ROGER R. WISE

(*type or print name of person certifying*)

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(j). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.



AUG 15 2007

PTO/SB/08A (04-07)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

Sheet 1 of 1

**Complete if Known**

|                        |                  |
|------------------------|------------------|
| Application Number     | 10/785,587       |
| Filing Date            | Februar 24, 2004 |
| First Named Inventor   | MASAO NORO       |
| Art Unit               | 2615             |
| Examiner Name          | PAUL DISLER      |
| Attorney Docket Number | 051270-0308455   |

**U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

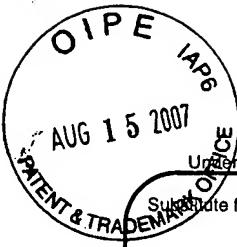
| FOREIGN PATENT DOCUMENTS |                       |   |                                |  |   |
|--------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear |
|                          |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                |  |   |
|                          | 1                     | 09/233588   | 05/09/1997                     | SONY CORP.   |   |
|                          |                       |   |                                |  |   |
|                          |                       |   |                                |  |   |
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|                          |                       |   |                                |  |   |
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|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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| DEMAND FOR<br>Substitute for form 1449/PTO               |   |    |   | Complete if Known      |                   |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> |   |    |   | Application Number     | 10/785,587        |
| (Use as many sheets as necessary)                        |   |    |   | Filing Date            | February 24, 2004 |
|  |   |    |   | First Named Inventor   | MASAO NORO        |
|  |   |    |   | Art Unit               | 2615              |
|  |   |    |   | Examiner Name          | PAUL DISLER       |
| Sheet  | 1 | of | 1 | Attorney Docket Number |                   |
|  |   |    |   | 051270-0308455         |                   |

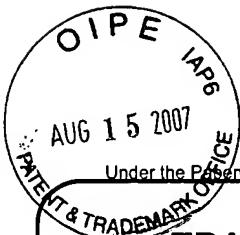
## NON PATENT LITERATURE DOCUMENTS

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

|  |                        |                |
|--|------------------------|----------------|
| Total Number of Pages in This Submission | Attorney Docket Number | 051270-0308455 |
|--|------------------------|----------------|

### ENCLOSURES (Check all that apply)

|  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input checked="" type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Reply to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br><br>POSTCARD<br>FOUR (4) REFERENCES<br>PTO/SB/08A&B |
|--|--|--|

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|              |                                     |          |       |
|--------------|-------------------------------------|----------|-------|
| Firm Name    | PILLSBURY WINTHROP SHAW PITTMAN LLP |          |       |
| Signature    |                                     |          |       |
| Printed name | ROGER R. WISE                       |          |       |
| Date         | August 13, 2007                     | Reg. No. | 31204 |

### CERTIFICATE OF TRANSMISSION/MAILING

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|                       |               |      |                 |
|-----------------------|---------------|------|-----------------|
| Signature             |               |      |                 |
| Typed or printed name | ROGER R. WISE | Date | August 13, 2007 |

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